

**CLAIMS**

1. Tool for fitting a belt into the groove of a pulley, characterized in that it comprises:

- a base plate (2) having a first (22) and a second  
5 (21) face, this plate being flat or forming a part of a cylinder, the first face (22) then being concave;
- a first (4) and a second (3) holding member that are substantially flat and that are parallel with each other, which are spaced apart and which extend from the  
10 first face (2) of the base plate (2) and perpendicular to the base plate if it is flat, or to the axis of the said cylinder if not flat; and
- a guide member (5) which extends from a second face (21) of the plate opposite to the first face (22).

15 2. Fitting tool according to Claim 1, characterized in that the two holding members (3, 4) are integral with the base plate and spaced apart by a distance corresponding to the standardized width of a pulley.

20 3. Fitting tool according to Claim 1, characterized in that the two holding members (3, 4) are mobile in translation with respect to each other in such a way as to vary their distance according to the width L of the pulley and in that it comprises a means (26, 66, 62, 68, 75, 76, 77) for adjusted [sic] the relative  
25 position of the holding members (3, 4).

4. Fitting tool according to Claim 3, characterized in that the first holding member (4) is borne by a part (6) that can move in translation with respect to the second holding member (3) which is integral with the  
30 base plate (2).

5. Fitting tool according to Claim 4, characterized in that the guide member (5) is borne by the said part (6) that can move in translation.

6. Fitting tool according to Claim 4, characterized in that the guide member (5) is integral with the base plate (2).

7. Fitting tool according to Claims 4 to 6, characterized in that the second holding member (3) is a folded, down end of the base plate (2).

8. Fitting tool according to Claims 4 to 7, characterized in that the part (6) that can move in translation has a structure with two branches (4, 62) connected to each other by a central section (61), one of the branches (4) which defines the first holding member having an opening (56) allowing the passage of the base plate (2) and the other branch (62) having a bearing face (65) for the first face (22) of the base plate (2).

9. Fitting tool according to Claim 8, characterized in that the said bearing face (65) has a finger (66) cooperating with holes (26) formed in the base plate (2).

10. Fitting tool according to Claim 8, characterized in that the said bearing face (65) has a profiled edge (68) cooperating by ratchet effect with serrations (27) formed in the first face (22) of the base plate (2).

11. Fitting tool according to one of Claims 4 to 6, characterized in that the part (6) that can move in translation has an opening (56) traversed by the base plate (2) and in that it has a return spring (77) of which one end is butted against a bearing plate (72) integral with the base plate (2) and of which the other end bears (4) against the part (6) that can move in translation.

12. Fitting tool according to one of the preceding claims, characterized in that the guide member (5)

extends substantially perpendicular to the said second face and has at least one flat region (51) forming an angle with the first holding member (4), this flat region (51) facing the outside of a perimeter delimited by the base plate and the first (4) and second (3) holding members, and being located at least partly outside of this perimeter.

13. Fitting tool according to Claim 12, characterized in that it comprises two said flat regions (51, 52) disposed at the ends of a central region (55).

14. Fitting tool according to one of the preceding claims, characterized in that the guide member (5) extends substantially perpendicular to the said second face (21) and has at least one region (51) curved toward the outside of a perimeter delimited by the base plate (2) and the first (4) and second (3) holding members and located at least partly outside of this perimeter.

15. Fitting tool according to Claim 14, characterized in that it comprises two said curved regions (51, 52) located on either side of a central region (55).

16. Fitting tool according to either of Claims 13 and 15, characterized in that the central region (55) is located plumb with the first holding member (4).

17. Fitting tool according to one of Claims 13 and 15, characterized in that the central region (55) is flat.

18. Fitting tool according to Claim 17, characterized in that the central region extends substantially between two opposite edges of the base plate (55).